



LEGEND

SEDIMENTARY ROCKS

(Areas of subaqueous deposits are shown by patterns of parallel lines; subaerial deposits by patterns of dots and circles)

Qat

Alluvium and terrace deposits
(silt, sand, and gravel)

Ccm

Conemaugh formation
(soft olive shale, sandy shale, and locally heavy sandstone near base, with thin coals and limestone)

Ca

Allegheny formation and Vanport limestone member
(massive to thin-bedded sandstone, sandstone, and shales, with thin coals and fire clay)

Cpv

Pottsville formation
(massive sandstone with large shale lenses and thin seams of coal)

Cbg

Burgoon sandstone
(massive to thin-bedded sandstone with many small lenses of soft shale and thin seams of coal)

Cmv

Meadville shale member of the Cuyahoga formation
(hard black to gray sandy shale with pebble layer at top)

UNCONFORMITY

Cbg

Burgoon sandstone

Cmv

Meadville shale member of the Cuyahoga formation

Structure contours drawn on the top of the Vanport limestone member
(Contour interval is 10 feet datum is mean sea level)

Shipping mine
Nonshipping mine or prospect

Note: Most of the workable coals are in the Allegheny thin coals in Conemaugh and Pottsville

GEOLOGIC MAP OF THE FOXBURG QUADRANGLE, PENNSYLVANIA
SHOWING STRUCTURE AND COAL OUTCROPS

Scale 1:25,000

1 1/2 0 1 2 3 4 Miles

1 1/2 0 1 2 3 4 5 Kilometers

Contour interval 20 feet.

Datum is mean sea level.

1911

Frank Sutton, Geographer in charge.
Topography by R. D. Cummin, R. H. Reineck, and E. W. McCrary.
Control by E. L. McNair and C. G. Anderson.
Surveyed in 1905-1907.

SURVEYED IN COOPERATION WITH THE STATE OF PENNSYLVANIA.

Geology by E. W. Shaw.
Surveyed in 1908.

SURVEYED IN COOPERATION WITH THE STATE OF PENNSYLVANIA.

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